

Hagedorn



United States Steel Corporation
Clairton Works
400 State Street
Clairton, PA 15025

42-003-00032
PAACH0004200300032

January 5, 2015

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Division Director

Ms. Gail Eddings
Allegheny County Health Department
Department of Air Quality
301 Thirty-Ninth Street
Pittsburgh, PA 15201

Subject: USS Reference Number: 15-0001
ACHD Reference Number: N/A
Sulfur Plant
USS Clairton Works

Dear Gail Eddings,

The attached form confirms our verbal report of the subject incident and satisfies the requirements of paragraph IV.8 of the Title V operating permit #0052 as issued on March 27th 2012.

I certify that based on the information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete. Any questions concerning this matter should be referred to Coleen M. Davis at 412-233-1015.

Sincerely,

A handwritten signature in black ink, appearing to read "T. E. Schumacher".

Thomas E. Schumacher
Plant Manager
Clairton Works

CC: James W. Hagedorn (USEPA)

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NOTICE OF OUTAGE OF EQUIPMENT
ARTICLE XXI - SECTION 2108.1

1. **USS Reference Number:** 15-0001
ACHD Reference Number: N/A
2. **Date & Time of Breakdown:** Date: 01/01/15 Time: 1615 hours
3. **Company Name:** U.S. Steel Corporation - USS Clairton Works
4. **Specific Equipment Involved or Affected:** 600 Carbonate Plant
5. **BAPC Permit Number (if applicable):**
6. **Location:** Clairton, PA
7. **Nature and cause of breakdown:** The 600 Carbonate Plant was unavailable for service to repair the outlet piping on the absorber.

The 600 Carbonate Unit is a redundant piece of equipment. Gas processing for sulfur removal was handled by the 100 Carbonate Unit. Sulfur Plant performance was not affected. Sulfur emissions will not increase.

8. **Identification of Emissions:**

- A. **Type(s) (CO, NOX, SO₂, Particulates, Hydrocarbons, etc.)**
The 100 Carbonate Plant carried the full acid gas flow to the plant. No environmental impact is expected.
- B. **Toxic qualities of each type (including its qualities as an irritant, and its potential for causing illness, disability, or mortality).** N/A. No environmental impact is expected
- C. **Amount of each type emitted (or likely to be emitted).**
N/A.

9. **Measures taken (or to be taken) to minimize length of breakdown and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so).**
The 100 Carbonate Plant carried the full acid gas flow to the plant.
10. **Facility back in operation -** Date: 01/01/15 Time: 1700 hours

Reviewed by Coleen M. Davis Date 1-5-15
Coleen M. Davis
Senior Environmental Control Engineer Phone: 412-233-1015